

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

121203

16711 U.S. PTO

Applicant: KIM et al.  
 Docket: 9983.142US01  
 Title: xDSL MODEM HAVING ADAPTIVE COMPENSATING FILTER OF NULL GENERATED BY BRIDGED TAP

**CERTIFICATE UNDER 37 CFR 1.10**

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Date of Deposit: DECEMBER 12, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Teresa Anderson  
 Name: TERESA ANDERSON

1353 U.S. PTO  
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Mail Stop PATENT APPLICATION  
 Commissioner for Patents  
 P.O. Box 1450  
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Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 13 pgs; 4 claims; Abstract 1 pgs.  
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 9 sheets of formal drawings
- ☒ Certified copy of a KOREAN application, Serial No. 2002-79723, filed DECEMBER 13, 2002, the right of priority of which is claimed under 35 U.S.C. 119
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to KT CORPORATION, Recordation Form Cover Sheet
- ☒ A check in the amount of \$770.00 to cover the Filing Fee
- ☒ A check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Application Data Sheet, 3 pages.
- ☒ Return postcard

**CLAIMS AS FILED**

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
<b>Basic Filing Fee</b>								\$770.00
<b>Total Claims</b>								
4	-	20	=	0	x	18.00	=	\$0.00
<b>Independent Claims</b>								
1	-	3	=	0	x	86.00	=	\$0.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>								\$0.00
<b>TOTAL FILING FEE</b>								<b>\$770.00</b>

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
 P.O. Box 2903, Minneapolis, MN 55402-0903  
 (612) 332-5300

By: Curtis B. Hamre  
 Name: Curtis B. Hamre  
 Reg. No.: 29,165  
 Initials: CBH:nel

**23552**

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